



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352916 - BOGIE/CENTER AXLE



**Sample No:** VCP405796

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP405796</b>	VCP369305	VCP419130	VCP404640
Sample Date	<b>05 Sep 2023</b>	07 Aug 2023	25 Jul 2023	04 May 2023
Machine Hours	<b>3285</b>	3113	3005	2493
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>128</b>	50.3	49.1	48.6
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### CONTAMINATION

Silicon	ppm	<b>3</b>	5	▲ 144	3
Sodium	ppm	<b>1</b>	0	3	2
Potassium	ppm	<b>1</b>	5	5	3



### WEAR METALS

Iron	ppm	<b>87</b>	202	454	197
Copper	ppm	<b>0</b>	4	4	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	<1	▲ 11	<1
Chromium	ppm	<b>2</b>	2	6	3
Molybdenum	ppm	<b>4</b>	8	9	10
Nickel	ppm	<b>0</b>	<1	<1	2
Titanium	ppm	<b>0</b>	0	1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	11	14	10
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>48</b>	139	132	121
Magnesium	ppm	<b>21</b>	1	1	4
Zinc	ppm	<b>71</b>	69	62	53
Phosphorus	ppm	<b>1013</b>	2373	2457	2564
Barium	ppm	<b>0</b>	2	0	0
Boron	ppm	<b>100</b>	107	153	224

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** SAIBIR

**Unique No:** 10643519

**Signed:** Sean Felton

**Report Date:** 13 Sep 2023



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## GRAPHS

